

IMPROVED MEMORY UTILIZATION
FOR SET-TOP BOX

ABSTRACT OF THE DISCLOSURE

An improved architecture for a set-top box that effects a reduction in memory requirements includes a front-panel board and a DTV board subject to a reset sequence and having a non-volatile memory associated therewith for storing values including a power-state value. The improved architecture eliminates the need for a non-volatile memory associated with the front-panel board by querying the power-state variable in the non-volatile memory associated with the DTV board and effecting a boot-up sequence when the power-state variable is set to ON and by effecting a reset in response to certain detected conditions.